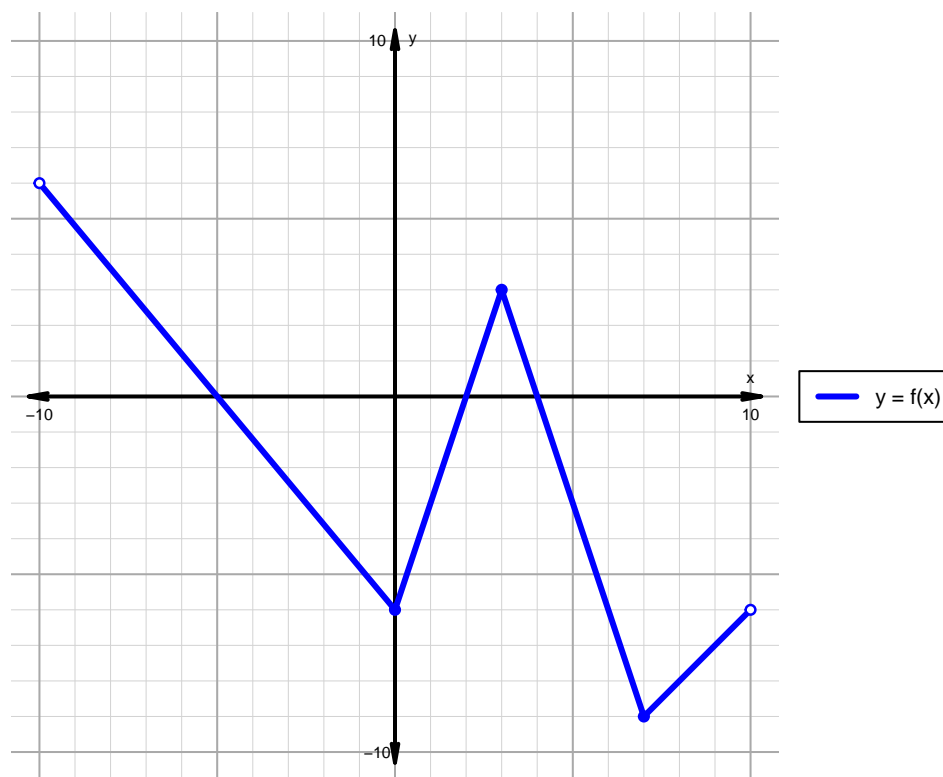


Name: _____

Date: _____

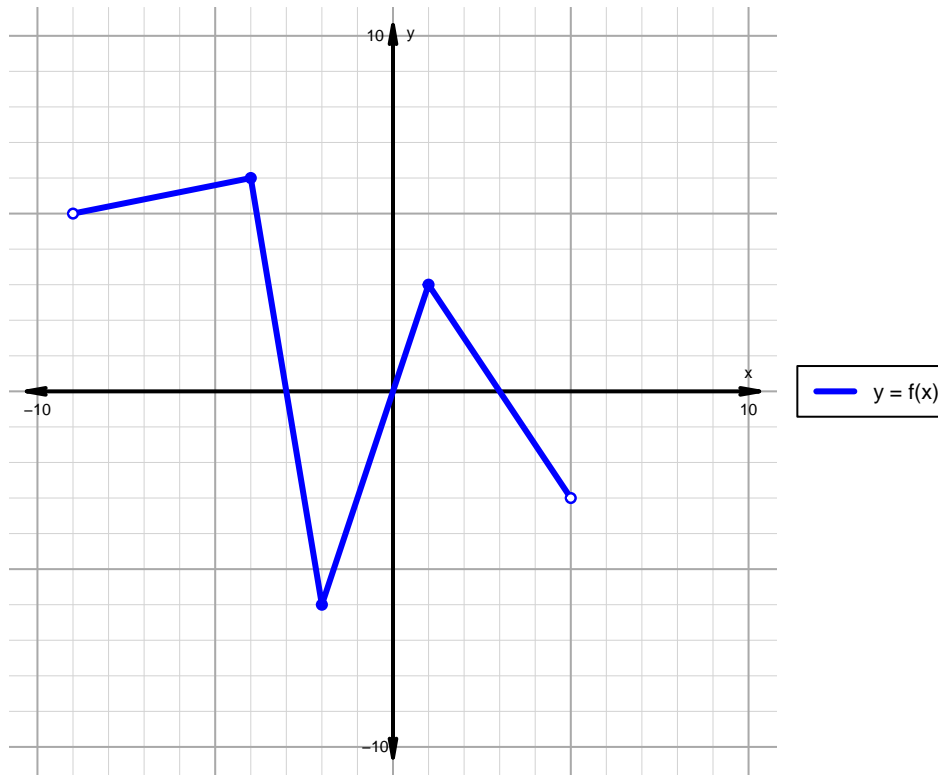
Function-Feature Intervals (version 15)1. The function f is graphed below.

Indicate the following intervals using interval notation. Remember, you can use \cup between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-10, -5) \cup (2, 4)$
Negative	$(-5, 2) \cup (4, 10)$
Increasing	$(0, 3) \cup (7, 10)$
Decreasing	$(-10, 0) \cup (3, 7)$
Domain	$(-10, 10)$
Range	$(-9, 6)$

Function-Feature Intervals (version 15)

2. The function f is graphed below.



Indicate the following intervals using interval notation. Remember, you can use \cup between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-9, -3) \cup (0, 3)$
Negative	$(-3, 0) \cup (3, 5)$
Increasing	$(-9, -4) \cup (-2, 1)$
Decreasing	$(-4, -2) \cup (1, 5)$
Domain	$(-9, 5)$
Range	$(-6, 6)$